

Converting Colors

CIELCh(85, 31.990, 316.133)

Have a look what the booklet for
CIELCh(85, 31.990, 316.133)
contains.

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Color

CIELCh(85, 31.839, 316.371)

Conversions

Conversions Part 1

Format	Color
Hex	EDC7FE
RGB	237, 199, 254
RGB Percent	93%, 78%, 100%
CMY	0.0706, 0.2196, 0.0039
CMYK	0.07, 0.22, 0.00, 0.00
HSL	281°, 96%, 89%
HSV	281°, 22%, 100%
XYZ	73.2378, 66.0070, 102.6468
YIQ	216.6320, 4.9930, 25.1610

Conversions

Conversions Part 2

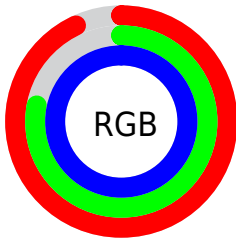
Format	Color
R _Y B	237, 199, 254
Decimal	15583230
CIE Lab	85.00, 23.05, -21.97
CIE LCh	85, 31.839, 316.371
Yxy	66.0070, 0.3028, 0.2729
Android (android.graphics.Color)	4293773310 (0xFFEDC7FE)
YUV	216.6320, 18.4224, 17.8627
Hunter-Lab	81.2447, 18.7302, -18.0373

Details

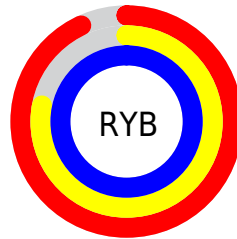
The CIELCh color **85, 31.839, 316.371** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **96, 31.300, 134.450**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 31.691, 316.610** is the 20% darker color. If you saturate the color by 10%, you get **78, 46.848, 316.814**, and if you desaturate by 10%, it is **92, 16.970, 315.925**.

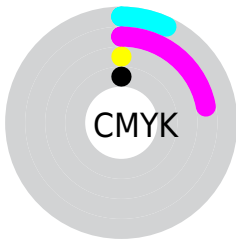
Distribution



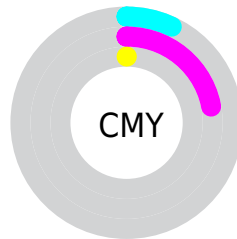
- Red (93%)
- Green (78%)
- Blue (100%)



- Red (93%)
- Yellow (78%)
- Blue (100%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (22%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 31.839, 316.371 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 85, 31.839, 316.371 by changing the saturation by 10% instead.


 85, 31.839,
316.371


 85, 31.839,
316.371


 100, 31.839,
316.371


 75, 31.839,
316.371

 65, 31.839,
316.371

 55, 31.839,
316.371

 45, 31.839,
316.371

 35, 31.839,
316.371

 25, 31.839,
316.371

 15, 31.839,

316.371

■ 5, 31.839, 316.371

■ 0, 31.839, 316.371

■ 85, 31.839,
316.371

■ 85, 31.839,
316.371

■ 78, 46.848,
316.814

■ 92, 16.970,
315.925

■ 72, 61.772,
317.236

■ 99, 2.387, 315.425

■ 66, 76.242,
317.604

100, 0.495,
109.985

■ 61, 89.723,
317.873

■ 56, 101.508,

317.983

■ 52, 110.792,
317.865

■ 49, 116.912,
317.452

■ 47, 119.732,
316.889

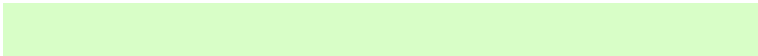
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85, 31.839, 316.371



96, 31.300, 134.450

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 31.839, 316.371



85, 31.839, 6.371



85, 31.839, 136.371



85, 31.839, 186.371

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85, 31.837, 316.371



96, 8.714, 315.671



86, 20.352, 275.573



51, 5.784, 315.701



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 31.837, 316.371



82, 38.479, 316.565



86, 30.440, 331.309



49, 8.288, 315.830



35, 96.627, 317.055



8, 44.153, 318.244

Inverse Universe

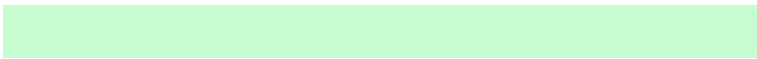
The Inverse Universe completely reimagines the original color for something new.



85, 22.107, 357.575



83, 26.817, 358.132



95, 30.331, 148.416



50, 5.692, 356.185



40, 70.381, 20.436



10, 31.425, 12.105

Previews

White Background



This preview shows how the CIELCh color 85, 31.839, 316.371 looks on a white background.

Color Contrast Check

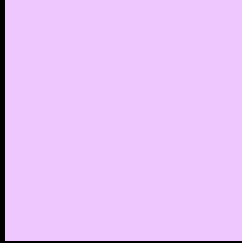
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 85, 31.839, 316.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

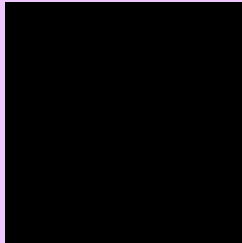
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 31.839, 316.371

Background



This preview shows how black text looks on a background with the CIELCh color 85, 31.839, 316.371.



This preview shows how white text looks on a background with the CIELCh color 85, 31.839, 316.371.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
85, 12.921, 339.847

Trichromacy



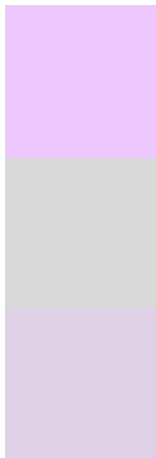
Original Color
85, 31.839, 316.371

Protanomaly
85, 25.486, 298.259

Deuteranomaly
85, 26.032, 304.922

Tritanomaly
85, 19.294, 326.037

Monochromacy



Original Color
85, 31.839, 316.371

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 11.675, 316.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 31.839, 316.371 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 199, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 199, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 199, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 199, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 31.839, 316.371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 199, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 199, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 199, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 199, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 199, 254);  
box-shadow:4px 4px 4px 4px rgb(237, 199,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 31.839, 316.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 199, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
199, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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